



## Topology Seminar at Texas State

When: 12:30-1:50, Friday, September 18, 2020

Where: Zoom (click the word Zoom; passcode: 'manifolds')

Speaker: Dr. Hiro Tanaka

Topic: *Introduction to categorical dynamics*

### ABSTRACT

This will be the first talk of the learning seminar on categorical dynamics. I will go over some basic dynamical ideas—beginning with simple things one can say about the dynamics of homeomorphisms of a torus—and then try to go over some basic ideas in theory of dg-categories to try and describe how categorical dynamics can generalize many ideas from the field of dynamical systems.